

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A jack module with integrated modem interface circuits comprising: a jack housing for receiving a plug; a plurality of contacts in said housing for engaging contacts on a plug; a plurality of terminals ~~[[in]]~~ on said housing interconnecting with ~~[[a]]~~ an external circuit board; and a line side circuit integrated in said jack housing interconnecting with said contacts.

2. (Original) The jack module of claim 1 in which said jack housing receives a public services telephone network plug.

3. (Original) The jack module of claim 1 in which said jack housing receives an RJ11 plug.

4. (Original) The jack module of claim 1 in which said terminals include pins.

5. (Original) The jack module of claim 4 in which said terminals include solder pins.

6. (Original) The jack module of claim 1 further including an isolation circuit in said housing between said line side circuit and said terminals for isolating said line side circuit from a system side circuit.

7. (Original) The jack module of claim 6 in which said system side circuit is on said mounting member.

8. (Previously Presented) The jack module of claim 1 in which said circuit board includes a motherboard.

9. (Previously Presented) The jack module of claim 1 in which said circuit board includes an add-in card.

10. (Original) The jack module of claim 1 in which said jack housing includes an electrical protection circuit.

11. (Original) The jack module of claim 10 in which said electrical protection circuit includes a fuse.

12. (Original) The jack module of claim 11 in which said fuse includes a UL1950 fuse.

13. (Original) The jack module of claim 1 in which said jack housing further

includes line reversal diode bridge.

14. (Original) The jack module of claim 1 in which said jack housing further includes compliance circuits.

15. (Original) The jack module of claim 6 in which said isolation circuit includes at least one capacitor.

16. (Original) The jack module of claim 6 in which said isolation circuit includes a transformer.

17. (Original) The jack module of claim 10 in which said protection circuit includes a lightning suppression circuit.

18. (Previously Presented) The jack module of claim 1 in which the terminals are dismountable from the circuit board to decouple the jack housing from the circuit board.